



Name: Rochak Pandey

School of Studies, Engineering & Technology

Department of Civil Engineering

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Qualifications: B.E (Civil Engineering), M. Tech (Construction Technology & Management)

Area of Interest/Specialization:

Sustainable Construction Materials, Green concrete, Building Materials, Concrete Technology, Construction Management, Surveying & Geomatics / Construction Technology & Management.

Experience: + 5 Years

Awards and Honors:

1. Certificate of Appreciation from Dean, school of studies, Engineering & Technology for successfully conduction of B.Tech. 1st Year Induction program in session 2020-21 & 2021-22.

Best Peer Reviewed Publication (up-to 10):

1. *“Optimum Partial Replacement of Cement in Concrete with Waste Marble Dust in Conjunction with Super Plasticizer”* Published in IJESRT 5(8) August 2016, I.F-4.116.
2. *“Evaluation of Strength of Concrete on Optimum Use of Fly Ash, Rice Husk Ash and Super Plasticizer in Nominal Mix”* Published in IJIRSET 5(9) September 2016, I.F-6.209.
3. *“An Experimental Study of Jute Fibre Reinforced Concrete by Partial Replacement of Cement with Fly ash with addition of super plasticizer”* Published in IJIRSET 5(10) October 2016, I.F-6.209.
4. *“Scope of producing concrete by replacing cement with marble dust & doping superplasticizer”* Published in IRJET 4(6) June 2017, I.F-5.181.

5. “*Progressive improvements in basic Intensity-Duration-Frequency curves deriving approaches: A review*” Published in IRJET 4(6) June 2017, I.F-5.181.

6. “*Properties of Partially Replaced Cement Concrete with Rice Husk Ash*” Published in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-10Issue-6, April2021.

Consultancy Work:

1. Conducted Steel Rod testing of 10mm &12mm Diameter bars of total cost of Rs 5900/- for Water Resource department, Sub division- Kharang , Bilaspur (C.G)

Administrative Responsibilities:

1. Appointed as Coordinator of the Store section of the university in 2022.
2. Appointed as Member of HEFA cell of the university in 2022
3. Appointed as Coordinator of the university for inspection of NMD colleges in Chhattisgarh, funded under RUSA 2.0, by Ministry of Education, GOI in 2021
4. Appointed as Coordinator of the university for the False ceiling work of VC office &Mini conference hall in administrative building of university in 2021.
5. Appointed as Co-cordinator of B. Tech 1st year for the session of 2020-21 &2021-22 in School of studies, Engineering & technology, GGV, Bilaspur.
6. Attached in Engineering Section of the university for preparation of Proposals of buildings of the university
7. Appointed as NBA Co-ordinator in the Department of civil engineering School of studies, Engineering& technology, GGV, Bilaspur.
8. Appointed as B. Tech. Class Co-ordinator of Admission batch 2019-20.
9. Appointed as Incharge of Environment Engineering Lab of Department of Civil Engineering, GGV, in the year 2022.
10. Appointed as member in Alumni Committee of the department in 2022.
11. Appointed as Member of Committee conducting Internal Assessments of B. Tech. in 2022.
12. Website Incharge of the department from 2022.

Guest Lectures:

1. Invited as Resource person for delivering a lecture in the Professional Development Training for Newly Recruited Non-Teaching Staff -II.

Additional Information:

- Achieved 83.95 & 87.21 percentile score in Theory & Practical Classes respectively (Both Grade A) in an yearly departmental feedback for the session 2018-19, Certified by IQAC cell, Guru Ghasidas Central University, Bilaspur.
- MOOCS Courses (8 Mandatory Modules designed by AICTE-NITTT in SWAYAM portal) Attended:**

S. No.	Title of the Event	Duration & Date	Venue
1.	AICTE - NITTT - Module 1 - Orientation towards Technical Education and Curriculum Aspects	8 Weeks (25/03/2020 to 15/05/2020)	Online Mode at SWAYAM PORTAL
2.	AICTE - NITTT - Module 2 - Professional Ethics & Sustainability	8 Weeks (25/03/2020 to 15/05/2020)	
3	AICTE - NITTT - Module 3 - Communication Skills, Modes & Knowledge Dissemination	8 Weeks (25/03/2020 to 15/05/2020)	
4	AICTE - NITTT - Module 4- Instructional Planning and Delivery	8 Weeks (25/03/2020 to 15/05/2020)	
5	AICTE - NITTT - Module 5 - Technology Enabled Learning & Life Long Self Learning	8 Weeks (10/09/2020 to 11/11/2020)	
6	AICTE - NITTT - Module 6- Student Assessment and Evaluation	8 Weeks (10/09/2020 to 11/11/2020)	
7	AICTE - NITTT - Module 7 - Creative Problem Solving, Innovation and Meaningful R & D	8 Weeks (10/09/2020 to 11/11/2020)	
8	AICTE - NITTT - Module 8 - Institutional Management & Administrative Procedures	8 Weeks (10/09/2020 to 11/11/2020)	

3. FDP's /Short Term Training Programs (S.T.T.P) /Workshops Attended:

S. No.	Programme	Duration	Organised by
1	FDP on "Advance Technology in civil engineering"	One Week (15/6/2020 to 19/6/2020)	Ghousia College of Engineering
2	STTP on "Emerging Trends in Transportation Engineering"	One Week (21/7/2020 to 26/7/2020)	Kumarguru College of Engineering, Coimbatore.
3	Capacity Building Workshop on "OUTCOME BASED EDUCATION & NBA ACCREDITATION PROCESS"	One Week 27/7/2020 to 31/7/2020	Conducted by BVICAM, New Delhi & Sponsored by "IEEE, Delhi Section & Industry Institute Partnership Cell, AICTE
4	Online Workshop on "Universal Human Values" on the theme "Inculcating Universal Human Values in Technical Education"	One Week 10/08/2020 to 14/08/2020	AICTE Sponsored & conducted by AICTE

5	FDP on “Recent Technology Trends in construction and civil engineering”	One week (27/8/2020to 31/8/2020)	Sponsored by TEQIP-III and organized by Department of Civil Engineering, CAPGS, BPUT, Rourkela
6	STTP on “Recent Advances in Land surveying & Mapping-1”	One Week (23/11/2020 to 30/11/2020)	AICTE Sponsored by S.A. Engineering College. Chennai
7	ATAL FDP on “Green Technology & Sustainability Engineering”	One week (18/1/2021to 22/1/2021)	AICTE Sponsored by Coimbatore Institute of Technology (ATAL Portal)
8	ATAL FDP on “Real Estate Management”	One week (8/2/2021to 12/2/2021)	AICTE Sponsored by Chh. Shahu Institute of Business Education & Research (ATAL Portal)
9	ATAL FDP on " Contemporary Technologies For Sustainable Road Construction"	One week (01/10/2021to 05/10/2021)	Siksha 'O' Anusandhan deemed to be University. (ATAL Portal)

4. Induction Programmes / Refresher course Attended:

1. Successfully Completed UGC-HRDC Sponsored "GURU DAKSHTA" Faculty Induction program(online)from 16/08/2021 to 15/09/2021.
2. Successfully Completed Refresher Course on “Sustainable Construction Materials and Techniques” in SWAYAM ARPIT Online portal from 1st Dec 2020 to 31st March 2021.

5. FDP’s /Short Term Training Programs (S.T.T.P) /Workshops organized:

1. Organized as Co-cordinator, AICTE Training and Learning (ATAL) Academy Sponsored One Week Online Faculty Development Program (FDP) On Sustainable Construction Materials and Technologies (SCMAT) from 21/02/2022 to 25/02/2022.
2. Co-ordinated a one-day online workshop titled “Demonstration & Accessibility of Bentley’s Softwares” on 30/09/2021.

6. Membership of professional Society:

1. Associate Member of “*The Institution of Engineers*” wide Membership No. AM1979402